

Rec'd April 17
Answe^r by

W

Santa Barbara

Apr 7th 1878

George Engelmann
3003 Locust St St Louis

Dear Sir Drimick

Lr Drimick of this City handed me a letter a few days since from you requesting information of certain shrubs &c. and requested me to send you anything I might find in my explorations as Government Surveyor. I herewith send you some Cactus seeds. The larger one I gathered from the Mojave desert a year ago last fall. It grows about so high and is now being manufactured into



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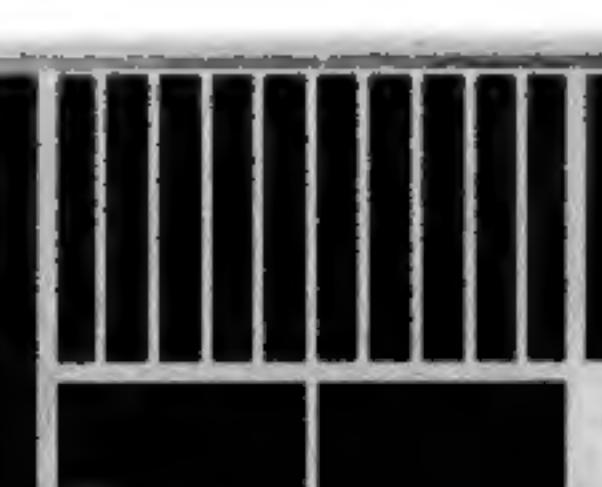
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paper with great success.
The smaller seeds are what we
call the Spanish ~~bogger~~^{bayonet}, or common
ly called by the natives Cayota.
I do not know the botanical name
it grows something like the Yucca
Filamentosa though quite a diff-
erent plant, grows high up in the
mountains among the rocks.

I. enclose you a slip from the
Los Angeles Express relative
to a smooth bark pine, which
grows at an Altitude of about 8,000
8,500 ft. I never saw this species
before, and they were confined to
the north slope of one mountain
peak. They grow about 50 to 75-80
ft high quite straight; they
grow in groves and form 150



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from diarrhea, I found them
on one of the highest peaks of
the San Bernardino range
on the head of the San Gabriel
river, or rather on the slope
which slopes to the Mojave desert.
I did not examine it minutely
as I never have payed much
attention to such things. They
have a Pine leaf while all Pine
with close grain but the bark
is as smooth as Sycamore and
about the same color.

I will go out again soon after the
1st of July if Congress makes
any appropriation. anything I
can find that would interest
you, will with pleasure inform
you, and send samples to -



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I will write to parties in
Los Angeles, to see some of
the hunters who make occasional
trips to that region and see if
I cannot get a specimen, and
a more minute description.

Truly yours etc
John G. Norway
U. S. Safety Zinc

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GEORGE ENGELMANN PAPERS



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